

## AUTHOR INDEX

- Abraham, M., *see* Hertz, Y. et al.
- AQUACOP, *see* Galgani, M.-L. and AQUACOP
- Atapattu, D., *see* De Silva, S.S. et al.
- Ayson, F.G. (Iloilo City, The Philippines)
- The effect of stress on spawning of brood fish and survival of larvae of the rabbitfish, *Siganus guttatus* (Bloch) ..... 241
- Baptista, I., *see* Gonçalves, J.F. et al.
- Bautista, M.N., *see* De la Cruz, M.C. et al.
- Bédard, D. and Lalancette, L.-M. (Chicoutimi, Que., Canada)
- Etude du développement larvaire de l'éperlan, *Osmerus mordax*, en eau pure et dans deux milieux de matière organique, le glucose et l'acétate (A study of the larval development of smelt, *Osmerus mordax*, in pure water and in two organic media, glucose and acetate) ..... 351
- Boon, J.H. (Wageningen, The Netherlands)
- Book review of *Physiologie, Biologie und Parasitologie von Nutzfischen*, by L. Spannhof, L. Reimer and K. Jüres (Editors) ..... 378
- Boyd, N.W., *see* Thomas, P. and Boyd, N.W.
- Braley, R.D., *see* Lucas, J.S. et al.
- Cohen, I., *see* Neori, A. et al.
- Coimbra, J., *see* Gonçalves, J.F. et al.
- Conte, F.S., *see* Hung, S.S.O. et al.
- Crawford, C.M., *see* Lucas, J.S. et al.
- Crozier, W.W. and Moffett, I.J.J. (Coleraine, N. Ireland)
- Application of an electrophoretically detectable genetic marker to ploidy testing in brown trout (*Salmo trutta* L.) triploidised by heat shock ..... 231
- Cuzon, G., *see* Galgani, M.-L. and AQUACOP
- De Groot, S.J. (IJmuiden, The Netherlands)
- Book review of *The Provident Sea*, by D.H. Cushing ..... 379
- Book review of *The Eurasian Huchen, Hucho hucho. Largest Salmon of the World*, by J. Holčík, K. Hensel, J. Nieslanik and L. Skačel ..... 381
- De la Cruz, M.C. (Iloilo City, The Philippines) and Muroga, K. (Fukuyama, Japan)
- The effects of *Vibrio anguillarum* extracellular products on Japanese eels ..... 201
- De la Cruz, M.C., Erazo, G. and Bautista, M.N. (Iloilo City, The Philippines)
- Effect of storage temperature on the quality of diets for the prawn, *Penaeus monodon* Fabricius ..... 87
- De Silva, S.S. and Gunasekera, R.M. (Matara, Sri Lanka)
- Effect of dietary protein level and amount of plant ingredient (*Phaseolus aureus*) incorporated into the diets on consumption, growth performance and carcass composition in *Oreochromis niloticus* (L.) fry ..... 121
- De Silva, S.S., Gunasekera, R.M. and Atapattu, D. (Matara, Sri Lanka)
- The dietary protein requirements of young tilapia and an evaluation of the least cost dietary protein levels ..... 271
- Deguchi, Y., *see* Sugita, H. et al.
- Divakaran, S. and Ostrowski, A.C. (Waimanalo, HI, U.S.A.)
- Fatty acid analysis of fish eggs without solvent extraction ..... 371

- Divakaran, S., *see also* Ostrowski, A.C. and Divakaran, S.  
 Ellingson, L.J., *see* Ernst, D.H. et al.  
 Elliott, D.G., *see* Kent, M.L. et al.  
 Epstein, N., *see* Hertz, Y. et al.  
 Erazo, G., *see* De la Cruz, M.C. et al.  
 Ernst, D.H., Ellingson, L.J. (Sopchoppy, FL, U.S.A.), Olla, B.L. (Newport, OR, U.S.A.),  
 Wicklund, R.I. (Riviera Beach, FL, U.S.A.), Watanabe, W.O. (Sopchoppy, FL, U.S.A.)  
 and Grover, J.J. (Newport, OR, U.S.A.)  
 Production of Florida red tilapia in seawater pools: nursery rearing with chicken manure  
 and growout with prepared feed ..... 247  
 Fukumoto, M., *see* Sugita, H. et al.  
 Fyhn, H.J. (Bergen, Norway)  
 First feeding of marine fish larvae: are free amino acids the source of energy? ..... 111  
 Gacutan, R.Q., *see* Honculada Primavera, J. and Gacutan, R.Q.  
 Galgani, F., *see* Galgani, M.-L. and AQUACOP  
 Galgani, M.-L. (Marseille, France) and AQUACOP (Goguenheim, J., Galgani, F. and  
 Cuzon, G.) (Tahiti, French Polynesia)  
 Influence du régime alimentaire sur la reproduction en captivité de *Penaeus vannamei* et  
*Penaeus stylirostris* (Diets in relation to reproduction of *Penaeus vannamei* and  
*Penaeus stylirostris* in captivity) ..... 97  
 Gertler, A., *see* Hertz, Y. et al.  
 Gjerde, B. (Ås, Norway)  
 Body traits in rainbow trout. I. Phenotypic means and standard deviations and sex  
 effects ..... 7  
 Gjerde, B. (Ås, Norway) and Schaeffer, L.R. (Guelph, Ont., Canada)  
 Body traits in rainbow trout. II. Estimates of heritabilities and of phenotypic and  
 genetic correlations ..... 25  
 Goguenheim, J., *see* Galgani, M.-L. and AQUACOP  
 Gonçalves, J.F., Santos, S., Pereira, V.S. (Porto, Portugal), Baptista, I. (Lisbon, Portugal)  
 and Coimbra, J. (Porto, Portugal)  
 The use of fish silage as an ingredient for eel fingerling nutrition ..... 135  
 Gordin, H., *see* Neori, A. et al.  
 Groff, J.M., *see* Kent, M.L. et al.  
 Grover, J.J., *see* Ernst, D.H. et al.  
 Gunasekera, R.M., *see* De Silva, S.S. and Gunasekera, R.M.; De Silva, S.S. et al.  
 Hansen, L.P., *see* Mork, J. et al.  
 Haug, T. (Tromsø, Norway), Huse, I. (Storebø, Norway), Kjersvik, E. (Tromsø, Norway)  
 and Rabben, H. (Storebø, Norway)  
 Observations on the growth of juvenile Atlantic halibut (*Hippoglossus hippoglossus* L.)  
 in captivity ..... 79  
 Hedrick, R.P., *see* Kent, M.L. et al.  
 Hemre, G.-I., Lie, Ø., Lied, E. and Lambertsen, G. (Bergen, Norway)  
 Starch as an energy source in feed for cod (*Gadus morhua*): digestibility and retention ... 261  
 Hefher, B., *see* Hertz, Y. et al.  
 Hertz, Y. (Rehovot, Israel), Epstein, N. (Nesa-Ziona, Israel), Abraham, M. (Jerusalem,  
 Israel), Madar, Z. (Rehovot, Israel), Hefher, B. (Dor, Israel) and Gertler, A. (Rehovot,  
 Israel)  
 Effects of metformin on plasma insulin, glucose metabolism and protein synthesis in the  
 common carp (*Cyprinus carpio* L.) ..... 175  
 Honculada Primavera, J. and Gacutan, R.Q. (Iloilo City, The Philippines)  
 Preliminary results of feeding aquatic macrophytes to *Penaeus monodon* juveniles ..... 189

Hulata, G., see Karplus, I. et al.	
Hung, S.S.O., Lutes, P.B., Conte, F.S. and Storebakken, T. (Davis, CA, U.S.A.)	
Growth and feed efficiency of white sturgeon ( <i>Acipenser transmontanus</i> ) sub-yearlings at different feeding rates .....	147
Huse, I., see Haug, T. et al.	
Järvi, T., see Mork, J. et al.	
Karplus, I., Samsonov, E., Hulata, G. and Milstein, A. (Hof Hacarmel, Israel)	
Social control of growth in <i>Macrobrachium rosenbergii</i> . I. The effect of claw ablation on survival and growth of communally raised prawns .....	325
Kent, M.L. (Nanaimo, B.C., Canada), Elliott, D.G. (Seattle, WA, U.S.A.), Groff, J.M. and Hedrick, R.P. (Davis, CA, U.S.A.)	
<i>Loma salmonae</i> (Protozoa: Microspora) infections in seawater reared coho salmon <i>Oncorhynchus kisutch</i> .....	211
Kjørsvik, E., see Haug, T. et al.	
Koyama, H., see Sugita, H. et al.	
Krom, M.D., see Neori, A. et al.	
Lalancette, L.-M., see Bédard, D. and Lalancette, L.-M.	
Lambertsen, G., see Hemre, G.-I. et al.	
Lie, Ø., see Hemre, G.-I. et al.	
Lied, E., see Hemre, G.-I. et al.	
Lucas, J.S., Nash, W.J., Crawford, C.M. and Braley, R.D. (Townsville, Qld., Australia)	
Environmental influences on growth and survival during the ocean-nursery rearing of giant clams, <i>Tridacna gigas</i> (L.) .....	45
Lutes, P.B., see Hung, S.S.O. et al.	
Madar, Z., see Hertz, Y. et al.	
McGinty, A.S., see Verdegem, M.C. and McGinty, A.S.	
Milstein, A., see Karplus, I. et al.	
Miyajima, C., see Sugita, H. et al.	
Moffett, I.J.J., see Crozier, W.W. and Moffett, I.J.J.	
Mork, J., Järvi, T. and Hansen, L.P. (Trondheim, Norway)	
Lower prevalence of fin erosion in mature than in immature Atlantic salmon ( <i>Salmo salar</i> ) parr .....	223
Murai, T. (Tamaki, Japan)	
Book review of <i>Nutrition of Pond Fishes</i> , by B. Hephner .....	377
Muroga, K., see De la Cruz, M.C. and Muroga, K.	
Nash, W.J., see Lucas, J.S. et al.	
Neori, A. (Eilat, Israel), Krom, M.D. (Haifa, Israel), Cohen, I. and Gordin, H. (Eilat, Israel)	
Water quality conditions and particulate chlorophyll <i>a</i> of new intensive seawater fishponds in Eilat, Israel: daily and diel variations .....	63
Nielsen, M.V., see Strömgen, T. and Nielsen, M.V.	
Olla, B.L., see Ernst, D.H. et al.	
Ostrowski, A.C. and Divakaran, S. (Waimanalo, HI, U.S.A.)	
The amino acid and fatty acid compositions of selected tissues of the dolphin fish ( <i>Coryphaena hippurus</i> ) and their nutritional implications .....	285
Ostrowski, A.C., see also Divakaran, S. and Ostrowski, A.C.	
Pereira, V.S., see Gonçalves, J.F. et al.	
Poe, W.E., see Satoh, S. et al.	
Rabben, H., see Haug, T. et al.	
Reide, M. and Siegmund, R. (Berlin, German Democratic Republic)	
Time pattern analysis of swimming activity and heart rate under the influence of chloramphenicol in carp ( <i>Cyprinus carpio</i> L.) and rainbow trout ( <i>Salmo gairdneri</i> R.) .....	315

- Samsonov, E., see Karplus, I. et al.
- Sandnes, K., see Waagbø, R. et al.
- Santos, S., see Gonçalves, J.F. et al.
- Satoh, S., Poe, W.E. and Wilson, R.P. (Mississippi State, MS, U.S.A.)  
 Effect of supplemental phytate and/or tricalcium phosphate on weight gain, feed efficiency and zinc content in vertebrae of channel catfish ..... 155
- Schaeffer, L.R., see Gjerde, B. and Schaeffer, L.R.
- Shpigel, M. (Eilat, Israel)  
 Gametogenesis of the European flat oyster (*Ostrea edulis*) and Pacific oyster (*Crassostrea gigas*) in warm water in Israel ..... 343
- Siegmund, R., see Reide, M. and Siegmund, R.
- Spannhof, L. (Rostock, German Democratic Republic)  
 Book review of *Carp Farming*, by V.K. Michaels ..... 380
- Storebakken, T., see Hung, S.S.O. et al.
- Strömberg, T. and Nielsen, M.V. (Trondheim, Norway)  
 Heritability of growth in larvae and juveniles of *Mytilus edulis* ..... 1
- Sugita, H., Miyajima, C., Fukumoto, M., Koyama, H. and Deguchi, Y. (Tokyo, Japan)  
 Effect of oxylinic acid on fecal microflora of goldfish (*Carassius auratus*) ..... 163
- Thomas, P. and Boyd, N.W. (Port Aransas, TX, U.S.A.)  
 Dietary administration of an LHRH analogue induces spawning of spotted seatrout (*Cynoscion nebulosus*) ..... 363
- Thorsen, T., see Waagbø, R. et al.
- Varadaraj, K. (Madurai, India)  
 Feminization of *Oreochromis mossambicus* by the administration of diethylstilbestrol .... 337
- Verdegem, M.C. (Wageningen, The Netherlands) and McGinty, A.S. (Mayaguez, PR, U.S.A.)  
 Evaluation of edge seining for harvesting *Oreochromis niloticus* fry from spawning ponds ..... 195
- Waagbø, R., Thorsen, T. and Sandnes, K. (Bergen, Norway)  
 Role of dietary ascorbic acid in vitellogenesis in rainbow trout (*Salmo gairdneri*) ..... 301
- Watanabe, W.O., see Ernst, D.H. et al.
- Wicklund, R.I., see Ernst, D.H. et al.
- Wilson, R.P., see Satoh, S. et al.

